

NWS CHANGE FORM PART A			1. DATE SUBMITTED 15 November 1999
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).			
2. ORIGINATOR OFFICE NWS	3. SUBMITTING AUTHORITY Name: Paul Nipko Routing Code: W/APO	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Chris Dietz Routing Code: W/APO1 Phone: 301-713-0211x141	5. ORIGINATOR TRACKING NUMBER RC_APO5
6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input checked="" type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____			7. WSH TRACKING NUMBER NWS 517
8. TITLE OF CHANGE NWWWS Flow Control			
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		10. SITES AFFECTED (Attach Part B, Page 2, if needed) See Attachment A1A	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) The current AWIPS interface to NWWWS does not have flow control, which could be problematic if large amount of products are sent to the NWWWS. Flow control is also an essential requirement for the replacement NWWWS, which is to be fielded in March 2000 (refer to attachment A1B for detailed description of the deficiencies).			
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Requirement in Block 11 above will be implemented through the modification of the existing NWWWS software. The change will be implemented by the NWS and installed at the uplink sites listed in attachment A1A. The change will be incorporated into the software baseline as part of urgency release 4.2.x, but will be pushed to TSA on 11/18 and to 16 other sites by 11/29 by the NCF/SST. Providing the patch to these first 17 sites is critical to help ensure the stability of the NWWWS and will therefore done under this RC. Urgency release 4.2.x is planned to be implemented by 12/03/99.			
13. ALTERNATE SOLUTIONS None			
14. REQUIRED CHANGE DATE 19 Nov 1999	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) The proposed change date is the earliest possible date for the change to be implemented at the sites		
CCB/PMC/CMB DECISION			
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY	<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED	
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED	SIGNATURE	
	<input type="checkbox"/> RECOMMEND APPROVAL	DATE SIGNED	
	<input type="checkbox"/> DISAPPROVED		
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED			
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED	SIGNATURE	
	<input type="checkbox"/> DISAPPROVED	DATE SIGNED	

NWS CHANGE FORM PART A - DATA PRODUCTS SUPPLEMENT
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2. WSH TRACKING NUMBER

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This information is required for Data Products submissions. (Submitters should complete all applicable blocks, if known. WSH will assist.) Attach extra pages if necessary.

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NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER RC_APO5	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$828
5. DEVELOPMENT COSTS (Estimate development costs) Govt: 1 APO engineer's salary amount for 16 hours of work: \$736		KMOD _____ BASE	AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A		BASE	AMOUNT \$0
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)		KMOD _____ BASE	AMOUNT See #5
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A			AMOUNT \$0
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) Installation: Govt (1 APO engineer's salary amount for 2 hours = \$92		KMOD _____ BASE	AMOUNT \$92
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations		KMOD _____	AMOUNT Unknown
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) Development Start - 15 Nov 99, Completion - 16 Nov 99		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) N/a	
12. IMPLEMENTATION/RETROFIT SCHEDULE See Attachment A1A.		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES N/A	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) N/A		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts.	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) N/A	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) SST will coordinate with the sites listed in attachment A1A to push the change to the site. SST, and the APO Engineer will be available to the sites for assistance.			

NWS CHANGE FORM
PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT

2. WSH TRACKING NUMBER

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This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)

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